

KOPEYKINA, N.N.

Weighing soil with automatic accounting of the output of bucket  
excavators. Priborostroenie no. 12:28 D '60. (MIRA 14:1)  
(Excavating machinery)

SHCHEDROVITSKIY, S.S., kand.tekhn.nauk; KOPEYKINA, N.N., inzh.; TARAPIN, V.N.,  
inzh.; GOLOVKO, Z.I., inzh.; KISELEVSKIY, S.I., inzh.;  
GOLOVANOV, A.I., inzh.

Universal loader limiter. Bezop.truda v prom. 5 no.7:16-19  
Jl '61. (MIRA 14'6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut stroitel'nogo  
i dorozhnogo mashinostroyeniya.  
(Cranes, derricks, etc.—Safety appliances)

BERKMAN, I.L., inzh.; KOPEYKINA, N.N., inzh.; SHCHEDROVITSKIY, S.S.,  
kand.tekhn.nauk

Universal load limiter for construction cranes. Stroi. i dor.  
mash. 6 no.6:7-9 Je '61. (MIRA 14:7)

(Cranes, derricks, etc.—Equipment and supplies)

VOLKOV, V.V., inzh.; KOPEYKINA, N.N., inzh.; FEYGIN, M.G., inzh.

The R-3 device for automatic registration of the work of  
construction cranes. Mekh. stroi. 19 no.10:22-23 0 '62.  
(MIRA 15:12)

(Counting devices)  
(Cranes, derricks, etc.—Equipment and supplies)

*Kopeykina, N. S.*

BORODIN, A.I.; KOPEYKINA, N.S.

Winding warp yarn at a speed of 800 meters per minute. Tekst.prom.  
17 no.10:38-40 0 '57. (MIRA 10:12)  
(Yarn) (Spinning machinery--Speed)

BELYANCHIKOV, V.N., inzh.; NOVIKOV, I.V., inzh.; ZAYTSEV, I.Ye.,  
inzh.; AKIL'YEV, S.A., inzh.; BELKIN, V.A., inzh.;  
POCHKINA, L.A., inzh.; VASIL'YEV, O.A., inzh.; Primali  
uchastiye; KOPEYKINA, O.P.; SMIRNOVA, A.N.; BELKINA, S.S.;  
SHILINA, Ye.I.; LAGUNOV, Ye.N.; REZNIK, S.Z.; BRISMAN,  
B.I.; KUZ'MIN, A.A.; SHIRKOVA, R.Ye.,  
tekhn. red.

[Operational life of parts of excavating, construction,  
and road machinery; a reference catalog] Sroki sluzhby de-  
talei ekskavatorov, stroitel'nykh i dorozhnykh mashin;  
katalog spravochnik. Izd.2., perer. i dop. Moskva, Gos-  
lesbumizdat. Pt.2. [Road, construction machinery, and  
machinery for manufacturing building materials] Dorozhnye,  
stroitel'nye mashiny i mashiny dlia proizvodstva stroitel'-  
nykh materialov. 1963. 306 p. (MIRA 17:4)

1. "Stroitiyazhmashzapchast'," Tekhnicheskaya kontora. Kon-  
struktorskoye byuro.

KOPEYKINA, T. K.

Min Higher Education USSR. Moscow Technological Inst of the Food Industry.

KOPEYKINA, T. K. - "Investigation of the process of treating rye with water before milling." Min Higher Education USSR. Moscow Technological Inst of the Food Industry. Moscow, 1956.  
(Dissertation for the Degree of Candidate in Technical Sciences.)

SO: Knizhnaya Letopis', No. 13, 1956

*Kopeykina, T.K.*  
KOPEYKINA, T.K., assist., kand. tekhn. nauk.

Washing rye before grinding. Trudy MTIPP no.9:62-72 '57.(MIRA 10:12)  
(Rye milling)



KOPHYKINA, T.K.

Using a centrifuge for liquids to remove the surface moisture  
from rye grain. Izv.vys.ucheb.zav.; pishch.tekh. no.5:151-154  
'58. (MIRA 11:12)

1. Moskovskiy tekhnologicheskiy institut pishchevoy promyshlennosti,  
kafedra tekhnologii mukomol'no-krupyanogo proizvodstva.  
(Rye) (Centrifuges)

KOPEYKINA, T., kand.tekhn.nauk .

Microflora of rye and its products. Muk.-elev. prom. 26 no.9:28-29  
S '60. (MIRA 13:9)

1. Moskovskiy tekhnologicheskiy institut pishchevoy promyshlennosti.  
(Rye--Microbiology)

MUKHIN, D.P.; SUSLOVA, A.L.; SHEVCHENKO, K.A.; BUNINA, S.S.; KOPEYKO, I.P.;  
KROPOTUKHINA, I.V.

Application of therapeutic sleep in pulmonary tuberculosis in thoracic surgery. Probl. tuberk., Moskva no. 4:11-15 July-Aug. 1952.

(CML 22:5)

1. Senior Scientific Associate for Suslova; Scientific Associate for Shevchenko, Bunina, and Kopeyko; Clinical Departmental Head for Kropotukhina. 2. Of the First Surgical Clinic (Head -- D. P. Mukhin), Institute of Climatotherapy of Tuberculosis (Director -- Ye. D. Petrov), Yalta.

KOPENKO, I.P., Cand Med Sci—(disc) "The role of paravertebral novocaine blocks in the complex therapy of certain forms of pulmonary tuberculosis (on the <sup>(Carnegie)</sup> ~~depth~~ <sup>depth</sup> shore of this)." *Tr. Vses. konf. 1957.* 15 pp (Acad Med Sci USSR), 200 copies (ML, 22-58, 114)

- 170 -

*Kopzyko, I.P.*

KOPZYKO, I.P.; FYL'TSOV, I.M. (Yalta)

Peripleural novocaine block in combined treatment of pulmonary tuberculosis. Klin.med. 35 no.12:71-78 D '57. (MIRA 11:2)

1. Iz Yaltinskogo sanatoriya imeni Rozy Lyuksemburg (glavnyy vrach V.Ye. Yershov)

(TUBERCULOSIS, PULMONARY, ther.  
peripleural procaine block (Rus))

(PROCAINE, ther. use  
pulm. tuberc., peripleural block (Rus))

(ANESTHESIA, REGIONAL, in var. dis.  
peripleural procaine block in pulm. tuberc. (Rus))

КОПЫКО, I.P. (Moskva)

Anatomical basis for a peripleural novocaine block. Eksp. (MIRA 11:9)  
khir. 3 no. 4:62 JI-Ag '58  
(NOVOCAINE)  
(TUBERCULOSIS)

MAZAYEV, P.N.; VOROPAYEV, M.M.; KOPEYKO, I.P.; ALIPOV, G.V.; VOLYNSKIY, Yu.D.

Sounding and angiopneumography (general and selective) in pulmonary tuberculosis. Eksper. khir. 4 no.6:26-29 N-D '59. (MIRA 14:6)

1. Iz Instituta khirurgii imeni A.V.Vishnevskogo (dir. - deystvitel'nyy chlen AMN SSSR prof. A.A.Vishnevskiy) AMN SSSR i Moskovskogo nauchno-issledovatel'skogo instituta tuberkuleza (dir. V.F.Chernyshev) Ministerstva zdravookhraneniya RSFSR.

(TUBERCULOSIS)

(LUNGS—RADIOGRAPHY)

KOPEYKO, I.P.; KRAKOVSKIY, N.I.

Peripleural novocaine block in the treatment of pulmonary tuberculosis.  
Probl.tub. 38 no.3:52-56 '60. (MIRA 14:5)

1. Iz Instituta khirurgii imeni A.V.Vishnevskogo AMN SSSR (dir. -  
deystvitel'nyy ohlen AMN SSSR zasluzhennyy deyatel' nauki prof.  
A.A.Vishnevskiy) i sanatoriya imeni Rozy Lyuksemburg (glavnyy  
vrach V.Ye.Yershov).  
(TUBERCULOSIS) (NOVOCAINE)



KRAKOVSKIY, N.I.; KOPEYKO, I.P.

Role of vagosympathetic blocking in centerizing adhesions in patients with negative intrapleural pressure. Kaz. med. zhur. no.4:37-39 (MLA 15:2)  
Jl-Ag '61.

1. Institut khirurgii imeni A.V. Vishnevskogo AMN SSSR (direktor - prof. A.A.Vishnevskiy) i Moskovskiy nauchno-issledovatel'skiy institut tuberkuleza Ministerstva zdravookhraneniya RSFSR (direktor - V.F. Chernyshev)

(ADHESIONS (ANATOMY)) (PNEUMOTHORAX)  
(LOCAL ANESTHESIA)

CHEREMUKHIN, A.D.; KOPEYKO, I.P.; SHAKHNAZAROV, M.S.; GUSAK, N.I.

Preparation of patients for surgical cauterization of pleural adhesions  
in the sanatorium. Sov.med. 25 no.6:130-131 Je '61. (MIRA 15:1)

1. Iz sanatoriya No.14 Ivanovskogo territorial'nogo upravleniya  
kurortami, sanatoriyami i domami otdykha Ministerstva zdravookhraneniya  
RSFSR (glavnyy vrach N.I.Gusak).  
(PLEURA SURGERY) (ANESTHESIA)

KOPEYKO, I.P.

Review of G.S. Levin's book "Surgical treatment of pulmonary tuberculosis patients". Probl.tub. 41. no.3:85-86'63.  
(MIRA 16:9)

(TUBERCULOSIS) (LUNGS—SURGERY)  
(LEVIN, G.S.)

KALANDADZE, Z.F., kand. med. nauk; KOPEYKO, I.P., kand.med.nauk; SEMENKIN,  
P.A., kand. med. nauk

Surgical treatment in pulmonary tuberculosis caused by Myco-  
bacterium tuberculosis resistant to antibacterial prepara-  
tions. Probl. tub. 40 no.6:48-51 '62 (MIRA 16:12)

1. Iz Moskovskogo nauchno-issledovatel'skogo instituta tuber-  
kuleza Ministerstva zdravookhraneniya RSFSR (dir. - kand. med.  
nauk T.P.Mochalova, zamestitel' direktora po nauchnoy chasti  
prof. D.D. Aseyev).

MAZAYEV, Pavel Nikolayevich; VOROPAYEV, Mefodiy Mikhaylovich;  
KOPEYKO, Ivan Petrovich; PISAREVSKIY, A.A., red.

[Angiopulmonography in the clinical aspects of surgical  
diseases of the lungs] Angiopul'monografiia v klinike  
khirurgicheskikh zabolevani legkikh. Moskva, Meditsina,  
1965. 259 p. (MIRA 18:3)

SEMENKIN, P.A.; KOPEYKO, I.P.,

Current state of the surgical treatment of tuberculosis of the  
lungs. Probl.tub.41 no.11:15-21 '63. (MIRA 17:9)

1. Iz Moskovskogo nauchno-issledovatel'skogo instiuta tuberkuleza  
(dir. -kand.med.nauk T.P.Mochalova, zamestitel' direktora po  
nauchnoy chasti- prof.D.D.Aseyev) Ministerstva zdravookhraneniya  
RSFSR.

KALANDADZE, Z.F.; KOPEYKO, I.P.

Bronchspirometric and angiopneumographic data of persons  
clinically cured from pulmonary tuberculosis by surgical methods.  
Probl. tub. 42 no.3:34-36 '64. (MIRA 18:1)

1. Moskovskiy nauchno-issledovatel'skiy institut tuberkuleza  
(direktor T.P.Mochalova; zamestitel' direktora po nauchnoy chasti-  
prof. D.D.Asseyev) Ministerstva zdravookhraneniya RSFSR.

USSR/Farm Animals. Cattle

Q-2

Abs Jour : Ref Zhur - Biol., No 19, 1958, No 88044

Author : Kopeyko P.

Inst : -

Title : Ways of Improving the Productivity of Cattle in Yakutia

Orig Pub : S. kh. Sibiri, 1958, No 1, 43-45

Abstract : The crossing of the local Yakutskoye cattle with Kholmogorskiy and Simmenthaler bulls, and the improving of the conditions of feeding and maintenance - such are the ways of improving the productivity of cattle in Yakutia.

Card : 1/1

~~CONFIDENTIAL~~ APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000824510015

Demonstration building of industrial structures. Nov.tekh. 1 pered.  
op. v stroi. 19 no.6:1-6 Je '57. (MIRA 10:10)  
(Industrial buildings) (Building)



KOPEYKO, V.Ya., inzh.

Improve methods of carrying out special building operations. Mont.1  
spets.rab.v stroi. 23 no.6:7-11 Je '61. (MIRA 14:7)  
(Building—Technological innovations)

KOPEYKO, Yuriy

On the Aral Sea. IUn.nat. no.3:13 Mr '63.  
(Aral Sea---Description and travel)

(MIRA 16:4)

KOPEYKOVSKIY, M.M., inzh.

Prospects for the development of the production of tung oil in  
the U.S.S.R. Masl.-zhir. prom. 27 no. 4:15-18 Ap '61. (MIRA 14:4)

1. Kobuletskiy tungomasloboynyy zavod.  
(Tung oil)

KOPEYKOVSKIY, V.M., kandidat tekhnicheskikh nauk; SHCHERBAKOV, V.G.,  
inzhener

Afterripening processes in sunflower seeds with a high oil content.  
Masl.-zhir.prom.21 no.6:5-7 '55. (MLRA 8:12)  
(Sunflower seed)

Abs Jour : Ref Zhur - Khimiya, No 1, 1958, 2687

Author : Zarnitskiy, G.E., Kopeykovskiy, V.M., Troyanova, N.L.,  
Shcherbakov, V.G.

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000824510015-

Inst : Krasnodar Institute of the Food Industry  
Title : Steam Expenditures and Ways of Increasing the Heat-Utiliza-  
tion Coefficient in Oil-Extracting Plants.

Orig Pub : Tr. Krasnodarsk. in-ta pishch. prom-sti, 1956, No 14, 75-80

Abstract : Different operating conditions of distillation columns of  
oil-extracting plants were studied. It was found that  
when the rate of miscella feed is increased up to 8.7-9.3  
m<sup>3</sup>/hour, steam consumption is reduced by 8%; in this man-  
ner, in the extraction department of a plant that

Card 1/2

Card 2/2

ZARNITSKIY, G.E., kandidat tekhnicheskikh nauk; KOPYKOVSKIY, V.M., kandidat tekhnicheskikh nauk; TROYANOVA, N.L., inzhener; SHCHERBAKOV, V.G., inzhener.

Ways of increasing the heat utilization coefficient in oil extraction plants. Masl.-shir.prem. 21 no.2:26-28 '56. (MLRA 9:7)

1. KIIP.

(Extraction apparatus)

KOPEYKOVSKIY, V. M.

USSR/Chemical Technology. Chemical Products and Their Application -- Fats and oils.  
Waxes. Soap. Detergents. Flotation reagents, I-25

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 6382

Author: Kopeykovskiy, V. M., Shcherbakov, V. G., Mayerov, Ya. S.

Institution: ~~Name~~ Krasnodarsk Inst. Food Industry

Title: Concerning the Storage of High Oil Content Sunflower Seed in Elevator  
Bins

Original

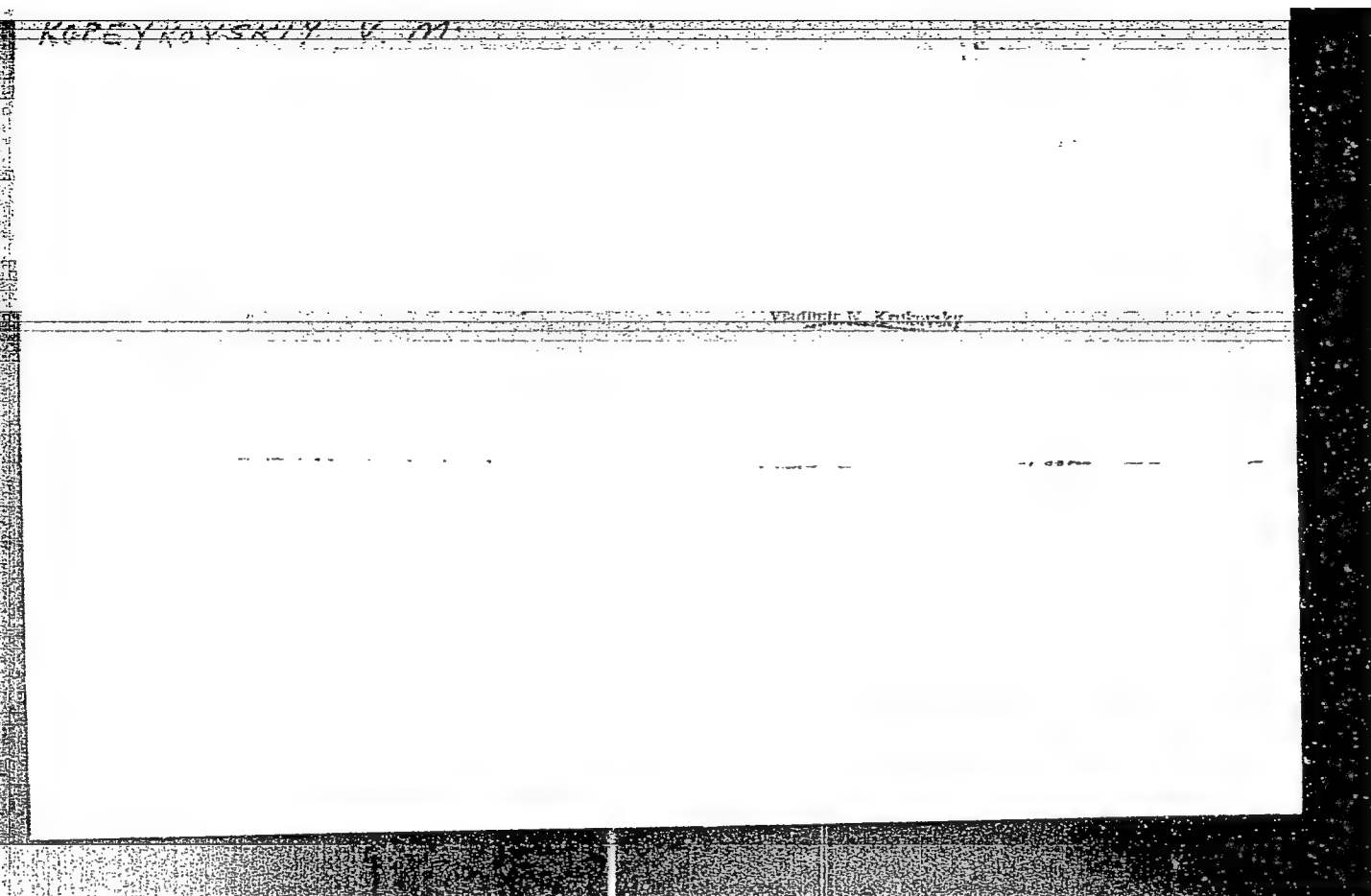
Publication: Maslob.-zhir. prom-st', 1956, <sup>21</sup>No 3, 5-7

Abstract: By remote control temperature measurements at different levels in the bulk of the seeds and analyses of air samples secured at different levels within the stored seed an investigation was made of the behavior of highly oleaginous sunflower seed (mostly of VNIMK 8931 variety with a fat content of ~40%) during storage in reinforced concrete silo bins holding a 25 meter deep layer of seed. It is shown that storage in a silo of sunflower seed, dried in a drum drier to a moisture content of 8.5%, results in its spontaneous

Card 1/2

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APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000824510015-5"

KOPEYKOVSKIY, V.M., kandidat tekhnicheskikh nauk; SHCHERBAKOV, V.G., inzhener.

Apparatus for remote measurement of temperatures and determination of carbon dioxide gas content. Masl.-shir. prom. 23 no.3:7-9 '57.  
(MLRA 10:4)

1. Kraenodarskiy institut pishchevoy promyshlennosti.  
(Oilseeds--Storage) (Electric meters) (Carbon dioxide)

KOPEYKOVSKIY, V.M.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000824510015-5

ABS. JOUR. : Sugar-Bearing. 1959, No. 15742  
RZhbiol., No. 4,

AUTHOR : Igol'chenko, E.I.; Kopeykovskiy, V.M.  
INST. :  
TITLE : Absorption and Release of Moisture by High-Oil  
Content Sunflower Seeds.

ORIG. PUB. : Izv. vyssh. uchebn. zavedeniy. Pkshch.  
tekhmol., 1958, No.1, 27-32

ABSTRACT : For normal storage the seed of the high-oil-  
content sunflower sort VNIIMK 8931 (oil con-  
tent in nucleus of 57.75 %) must have a moisture  
content not higher than 7.5 to 8 %, which cor-  
responds to a 13.5 to 14.5 % moisture  
content of the hydrophilic part. Seed with a bal-  
anced moisture content of 7.24 % endured  
in an environment with a 30° temperature and  
relative air humidity of 66%; besides, spoil-  
age of seeds did not occur. In conditions of  
1/3

CARD:

*Krasnodar Inst. Food Industry.*

COUNTRY :  
CATEGORY :

15742



KOPYKOVSKIY, V.M., kand.tekhn.nauk; SHCHERBAKOV, V.G., inzh.

Effect of mechanical ventilation on the storing and general  
quality of freshly harvested sunflower seeds. Masl.-zhir. prom.  
24 no.1:8-11 '58. (MIRA 11:3)

1.Krasnodarskiy institut pishchevoy promyshlennosti.  
(Sunflower seed--Storage)

KOPEYKOVSKIY, V.M.; SHERBAKOV, V.G.; GARBUZOVA, G.I.; IGOL'CHENKO, M.I.;  
RYAZANTSEVA, M.I.; TROYAKOVA, N.L.

Problem of the forced ventilation of sunflower seeds. *Izv.vys.*  
*ucheb.zav.*; *pishch.tekh.* no.1:20-23 '59. (MIRA 12:6)

1. Krasnodarskiy institut pishchevoy promyshlennosti, kafedra  
tekhnologii zhirodobyvaniya.  
(Sunflower seed--Storage)

KOPEYKOVSKIY, V.M.; SHCHERBAKOV, V.G.; GARBUSOVA, G.I.

Active ventilation of oil-rich sunflower seeds with atmospheric  
and heated air. Izv.vys.ucheb.zav.; pishch.tekh. no.3:16-22  
'59. (MIRA 12:12)

1. Krasnodarskiy institut pishchevoy promyshlennosti. Kafedra  
tekhnologii shirodobyvaniya.  
(Sunflower seed)

KOPEYKOVSKIY, V.M., kand.tekhn.nauk; SHCHERBAKOV, V.G., kand.tekhn.  
nauk; GARBUSOVA, G.I., inzh.; IGOL'CHENKO, M.I., inzh.;  
RYAZANTSEVA, M.I., inzh.; TROYANOVA, N.L., inzh.

Change of the acid number of sunflower seed oil during the  
period of harvesting and during after-harvest ripening.  
Masl.-zhir.prom. 25 no.10:15-17 '59. (MIRA 13:2)

1. Krasnodarskiy institut pishchevoy promyshlennosti.  
(Krasnodar Territory--Sunflower seed oil)

KOPEYKOVSKIY, V.M., kand.tekhn.nauk; SHCHERBAKOV, V.G., kand.tekhn.nauk;  
Garbusova, G.I., inzh.; IGOL'CHENKO, M.I., inzh.; RYAZANTSEVA, M.I.;  
TROYANOVA, N.L., inzh.

Postharvest drying of oil-rich sunflower seeds. Masl.-zhir.prom.  
26 no.3:12-14 Mr '60. (MIRA 13:6)

1. Krasnodarskiy institut pishchevoy promyshlennosti.  
(Krasnodar Territory--Sunflower seed)

IGOL'CHENKO, M.I., inzh.; KOPYKOVSKIY, V.M., kand.tekhn.nauk

Equilibrium moisture of organic impurities in sunflower seeds.  
Masl.-zhir.prom. 26 no.6:11-12 Je '60. (MIRA 13:6)

1. Krasnodarskiy institut pishchevoy promyshlennosti.  
(Sunflower seed)

KOPEYKOVSKIY, V.M., kand.tekhn.nauk; RYAZANTSEVA, M.I., inzh.; GARBUZOVA,  
G.I., inzh.

Use of corn dryers for drying sunflower. Masl.-zhir.prom. 26  
no.8:25-26 Ag '60. (MIRA 13:8)

1. Krasnodarskiy institut pishchevoy promyshlennosti.  
(Timashevskaya (Krasnodar Territory)--Sunflower seed--Drying)

TRUBITSYN, N.V.; GARBUSOVA, G.I.; KOPEYKOVSKIY, V.M.

Specific gravity of sunflower seed. Izv.vys.ucheb.zav.; pishch.  
tekhn. 1:156-158 '61. (MIRA 14:3)

1. Krasnodarskiy institut pishchevoy promyshlennosti, Kafedra  
tekhnologii shirov.  
(Sunflower seed)



KOPEYKOVSKIY, V.M.; GARBUSOVA, G.I.

Mechanical ventilation and drying of sunflower seeds by cold  
dehydrated air. Izv. vys. ucheb. zav; pishch. tekhn. no. 2:3-  
9 '60. (MIRA 14:7)

1. Krasnodarskiy institut pishchevoy promyshlennosti, kafedra  
tekhnologii zhirodobyvaniya.  
(Sunflower seed—Drying)

KOPEYKOVSKIY, V.M.; TRUBITSYN, N.V.

Storing sunflower seeds without access of air. Izv. vys. ucheb. zav.;  
pishch. tekhn. no.5:13-19 '61. (MIRA 15:1)

1. Krasnodarskiy institut pishchevoy promyshlennosti. Kafedra  
tekhnologii zhirov.

(Sunflower seed--Storage)

KOPEYKOVSKIY, V.M.; TRUBITSYN, N.V.

Respiratory gas exchange of sunflower seeds in storage without  
admission of air. Izv.vys.ucheb.zav.; pishch. tekhn. no.6:19-22  
'61. (MIRA 15:2)

1. Krasnodarskiy institut pishchevoy promyshlennosti, kafedra  
tekhnologii zhirov.  
(Sunflower seed--Storage)

KOPEYKOVSKIY, V.M.; KOSTENKO, V.K.

Drying mechanism for sunflower seeds rich in oil. Izv.vys.ucheb.  
zav.; pishch. tekhn. no.6:66-72 '61. (MIRA 15:2)

1. Krasnodarskiy institut pishchevoy promyshlennosti, kafedra  
tekhnologii zhirov.

(Sunflower seed—Drying)

KOPEYKOVSKIY, V.M., kand.tekhn.nauk; KOSTENKO, V.K., inzh.

Changes occurring in the acid number of sunflower seed oils from  
high oil content species in connection with drying. Masl.-zhir.  
prom. 28 no.3:12-17 Mr '62. (MIRA 15:4)

1. Krasnodarskiy institut pishchevoy promyshlennosti.  
(Sunflower seed oil Testing)

KOPEYKOVSKIY, V.M.; KOSTENKO, V.K.

Modification of protein substances of high-oil sunflower seeds  
under different drying conditions. Izv.vys.ucheb.zav.; pishch.  
tekh. no.3:51-54 '62. (MIRA 15:7)

1. Krasnodarskiy institut pishchevoy promyshlennosti, kafedra  
tekhnologii zhirov.

(Sunflower seed--Drying) (Proteins)

KOPEYKOVSKIY, V.M.; KOSTENKO, V.K.

Effect of the conditions of the thermal drying of sunflower  
oilseeds on the oil quality. Izv.vys.ucheb.zav.; pishch.tekh.  
no.4:72-76 '62. (MIRA 15:11)

1. Krasnodarskiy institut pishchevoy promyshlennosti, kafedra  
tekhnologii zhirov.

(Sunflower seed oil--Testing)

IGOL'CHENKO, M. I.; KOPEYKOVSKIY, V. M.

Changes occurring in the acid number of the oil of sunflower seeds in storage. Izv. vys. ucheb. zav.; pishch. tekhn. no.5: 25-28 '62. (MIRA 15:10)

1. Krasnodarskiy institut pishchevoy promyshlennosti, kafedra tekhnologii shirov.

(Sunflower seed) (Oils and fats—Analysis)



KOSTENKO, V. K.; KOPEYKOVSKIY, V. M.

Effect of thermal drying on the modification of the physiological and biochemical characteristics of high oil content sunflower seeds. *Izv. vys. ucheb. zav.; pishch. tekhn.* no.5: 103-108 '62. (MIRA 15:10)

1. Krasnodarskiy institut pishchevoy promyshlennosti, kafedra tekhnologii shirov.

(Sunflower seed—Drying)

KOPEYKOVSKIY, V.M., kand.tekhn.nauk; GARBUSOVA, G.I., inzh.; RYAZANTSEVA, M.I.,  
inzh.

Effect of the temperature on the keeping quality of dried seeds.

Masl.-zhir.prom. 29 no.1:12-16 Ja. 1963.

(MIRA 16:2)

1. Krasnodarskiy institut pishchevoy promyshlennosti.  
(Sunflower seed—Storage)

TRUBITSYN, N.V.; KOPEYKOVSKIY, V.M.

Effect of gas conditions on the microflora of sunflower seeds.  
Izv.vys.ucheb.zav.; pishch.tekh. no.1:22-23 '63. (MIRA 16:3)

1. Krasnodarskiy institut pishchevoy promyshlennosti, kafedra  
tekhnologii shirov.

(Sunflower seed--Microbiology)

KOPEYKOVSKIY, V.M.; KOSTENKO, V.K.

Effect of the conditions of thermal drying on the mold microflora  
of sunflower seeds. Izv. vys. ucheb. zav.; pishch. tekhn. no.2:  
26-28 '63. (MIRA 16:5)

1. Krasnodarskiy institut pishchevoy promyshlennosti, kafedra  
tekhnologii zhirov.  
(Sunflower seeds—Drying) (Molds (Botany))

KOPEYKOVSKIY, V.M., kand.tekhn.nauk; KOSTENKO, V.K., kand.tekhn.nauk

Changes in the acid number of oil and losses of dry matter during  
the drying of sunflower seeds with high oil content. Masl.-zhir.prom.  
29 no.9:7-13 S '63. (MIRA 16:10)

1. Krasnodarskiy institut poshochevoy promyshlennosti.

KOPEYKOVSKIY, V.M.; KOSTENKO, V.K.

Effect of the vitality of the sunflower seeds with high oil content  
on their keeping quality in storage. Izv.vys.vcheb.zav.; pishch.tekh.  
no.5:14-18 '63. (MIRA 16:12)

1. Krasnodarskiy politekhnicheskii institut, kafedra tekhnologii  
zhirov.

KOPEYKOVSKIY, V.M., kand. tekhn. nauk; KOSTENKO, V.K., inzh.

Effect of the flow rate of the heat carrier on the rate of  
drying of sunflower seeds. Masl.-zhir. prom. 28 no.10;  
13-16 0 '62. (MIRA 16:12)

1. Krasnodarskiy institut pishchevoy promyshlennosti.

KOSTENKO, V.K.; KOPEYKOVSKIY, V.M.

Studying the stepped system for drying sunflower seeds.

Izv. vys. ucheb. zav.; pishch. tekhn. no.6:14-15 '63.

(MIRA 17:3)

1. Krasnodarskiy politekhnicheskiy institut, kafedra tekhnologii zhirov.



KOPEYKOVSKIY, V.M., kand. tekhn. nauk; NEBROYEVA, L.G., inzh.; GARBUZOVA,  
G.I., inzh.; MAKAROVA, L.P., inzh.

Drying and threshing of castor plant bolls under industrial  
conditions. Masl.-zhir. prom. 29 no.10:28-30 0 '63.  
(MIRA 16:12)

1. Krasnodarskiy institut pishchevoy promyshlennosti (for  
Kopeykovskiy, Nebroyeva, Garbuzova). 2. Krasnodarskiy  
maslozavod No.2 (for Makarova).

KOPEYKOVSKIY, V.M., kand. tekhn. nauk; NEBROYEVA, L.G., inzh.

Hygroscopic characteristics of the fruit and seeds of castor oil  
plants. Masl.-zhir.prom. 30. no.2:7-9 F '64. (MIRA 17:3)

1. Krasnodarskiy politekhnicheskiy institut.

KOPEYKOVSKIY, V.M.; TRUBITSYN, N.V.

Effect of the air composition in the interseed space on the  
respiratory gas exchange and dry substance losses in sun-  
flower seeds. Biokhim. zer. 1 khlebopech. no.7:228-232 '64.  
(MERA 17:9)

1. Krasnodarskiy institut pishchevoy promyshlennosti.

KOPEYKOVSKIY, V.M.; KOSTENKO, V.K.

Changes occurring in some biochemical properties of high  
oil-content sunflower seeds during various methods of  
thermal drying. Biokhim. zer. i khlebopech. no.7:233-  
244 '64. (MIRA 17:9)

1. Krasnodarskiy institut pishchevoy promyshlennosti.

KOPF, I.A.

Characteristics of ellipsoid shaving. Stan. 1 instr. 34 no.8:  
22-24 Ag '63. (MIRA 16:10)

DERKACH, L.I.; WOGAN, G.I.; KOPF, I.A.

Simple calculation of gear-cutting tools and gear-measuring  
instruments. Stan. 1 instr. 36 no.2:31-36 F '65.

(MIRA 18:3)

S/035/62/000/010/115/128  
A001/A101

AUTHORS: Grosse, Siegfried, Kopf, Manfred, Sonntag, Klaus

TITLE: The results of a gravimetric survey in the Western Mountains (GDR)

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 10, 1962, 37 - 38, abstract 10G195 ("Freiberger Forschungsh.", 1961, C, no. 110, 55 - 102, German)

TEXT: A detailed gravimetric survey over an area of 3,200 km<sup>2</sup> was carried out in the southern mountainous region of the GDR bordering the territory of Czechoslovakia in 1956 - 1958. Gravity was measured with a TNK 1454 Norgard gravimeter in 2,144 points uniformly distributed over the area with an average density of 1 point per 1.5 km<sup>2</sup>. A car was used for transportation, and in regions with a crossed relief - a truck of higher maneuverability. Gravimetric observations were conducted in the vehicle; the stand of the gravimeter was mounted on the ground through the hatch in the vehicle. The method of triple loop was employed because of the comparatively large drift of the gravimeter zeropoint. On an average, 3.2 observations were made at each of the points.

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S/035/62/000/010/115/128

A001/A101

The results of a...

In processing of observations, the same value of the instrument constant,  $C = 6.8232$  mgal, was adopted for the whole period of observations. The survey was based on one starting point selected in the center of the region. This point was connected with Potsdam and 5 points of the 2-class control gravimetric network of the GDR. 127 points of the 3rd class, which form a local control network, are uniformly distributed over the entire survey area. The rms error of results of gravimetric connections, calculated from repeated determinations, amounted to  $\pm 0.06$  mgal. In junctions with a neighboring gravimetric survey, divergences of gravity values turned out to be 0.28 mgal on an average. The heights of gravimetric points were determined by leveling with errors of  $\pm 10$  cm relative to marks or points noted on the topographic map. The maximum difference of heights of gravimetric points was  $\sim 970$  m. To determine density of Earth's upper layers, 4,280 samples were taken on the survey area, and 390 analyses were performed for 62 different rocks. According to these data, a map of density  $\sigma$  distribution on 1:200,000 scale was compiled. In calculating Bouguer reductions, an inclined plane located at an altitude of 300 - 800 m above sea level and forming a slope of  $\sim 10$  m/km was adopted as an intermediate reference surface. The orientation of this plane within the Earth's body is selected taking into ac-

Card 2/6



8/035/62/000/010/115/128

A001/A101

The results of a...

count topographic relief in such a way that residual heights of gravimetric points were confined within the range 0 - +100 m; only in sections with sharply pronounced relief residual heights have values ranging from -150 to +400 m. A map of residual heights in two colors ( $< 0$  and  $> 0$ ) with 50-m intervals in relief and on 1:200,000 scale is presented. Bouguer reductions were calculated with taking separately into account the following factors: 1) attraction of the layer confined between the intermediate inclined plane and the residual height of a gravimetric point; in this procedure, the layer thickness was determined according to the map of residual heights, and the values of the intermediate layer density ( $2.30 \leq \sigma \leq 3.30 \text{ g/cm}^3$ ) - from the map of density distribution; 2) attraction of the layer confined between the intermediate inclined plane and the sea level; the density was assumed to be constant  $\sigma = 2.70 \text{ g/cm}^3$ . The relief influence was taken in consideration within the radius of 0.1 - 5.0 km by means of nomograms for cylindrical segments (A. Schleusener - Nomogramme fuer Gelaendeverbesserung von Gravimetermessungen der angewandten Geophysik. "Beitr. z. angew. Geophysik", 1940, no. 8, 415 - 430). The value  $\sigma = 2.70 \text{ g/cm}^3$  was adopted for the density of the Earth's upper layers. The mean magnitude of correction for relief is  $\sim 1 \text{ mgal}$ , maximum correction is 3.36 mgal.

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S/035/62/000/010/115/128  
A001/A101

The results of a ...

The map of Bouguer anomalies at sea level with the intermediate reduction to inclined plane on 1:200,000 scale is presented in three colors ( $< -15$ ,  $-15 - +5$ , and  $> +5$  mgal) with intervals between isolines of anomaly of 1 mgal, occasionally even 0.5 mgal. The general aspect of the gravity field on this map is characterized by gravity anomalies  $+10 - +17$  mgal in the northern part and by  $-30 - -40$  mgal in the southern part of the survey area. The general direction of isolines is west-south-west to east-north-east. Horizontal gradient attains sometimes 4.5 - 5.0 mgal/km. The regional gravity minimum was established which extends from west to east; the extremum value of this minimum is located in the region of Karlovy Vary (Czechoslovakia). Gravity anomalies on the intermediate inclined plane, calculated without allowance for attraction of layers between the intermediate plane and sea level, are presented on a separate map. The map is three-colored ( $< +35$ ,  $+35 - +45$ , and  $> 45$  mgal) with isolines through 1 mgal, here and there through 0.5 mgal. Such a map is inadequate for regional or local calculations but can serve as a basis for approximate judgement on isostatic compensation (A. Schleusener, H. Closs, Schwere-karten von Zentraleuropa nach Gravimetermessungen. "Congrès Géol. Int. Comptes Rendus de la Dix-Neuvième Sess. Sect.", IX, Alger, 1952, 86 - 108). Second

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S/035/62/000/010/115/128

A001/A102

The results of a ...

vertical derivatives of gravity are calculated in two variants: by Elkins' formula;

$$\frac{\partial^2 g}{\partial z^2} = \frac{1}{62 s^2} [44g(0) + 16 \bar{g}(s) - 12 \bar{g}(s\sqrt{2}) - 48 \bar{g}(s\sqrt{5})],$$

and by the averaged Haalk's formula;

$$\frac{\partial^2 g}{\partial z^2} = \frac{1}{4 s^2} [12 g(0) - 8 \bar{g}(s) - 4 \bar{g}(s\sqrt{2})].$$

In both cases the network of squares with sides  $s = 1$  km was used. The results of calculations are presented on two 1:200,000 maps in two colors ( $<0$  and  $>0$ ). On the map compiled according to Elkins' formula, the lines of equal values of  $d^2g/dz^2$  are drawn through  $5 \times 10^{-14}$  CGS and on the map compiled according to Haalk's formula - through  $10 \times 10^{-14}$  CGS. The major part of the article deals with the problems of regional and local geological interpretation of the gravimetric survey results reflected on maps and gravimetric profiles. An important practical value of these results for geological explorations and prospecting for

Card 5/6

The results of a...

S/035/62/000/010/115/128  
A001/A101

mineral products in the studied region is noted. Six maps are attached. There are 47 references.

P. Shokin

[Abstracter's note: Complete translation]

Card 6/6

KOPIA, Henryk; PLEWA, Stanislaw; RUDOWICZ, Jan

Application of surface radiometry in the Polish petroleum industry.  
Przegl geol 9 no.10:527-530 '61.

1. Zaklad Geofizyki Przemyslu Naftowego.

(Poland—Petroleum) (Radiometer)

ALEKSANDROWICZ, Julian; JANICKI, Kazimierz; KOPIA, Henryk; PLEWA, Stanislaw

Environment and leukemia morbidity. II. Studies on the relationship between leukemia and tumor morbidity and environmental radioactivity of the living area. Pol. med. wewnet. 32 no.7:839-843 '62.

1. Z III Kliniki Chorob Wewnetrznych AM w Krakowie Kierownik: prof. dr med. J. Aleksandrowicz i z Zakladu Geofizyki Przemyslu Naftowego w Krakowie Dyrektor: mgr Inz. K. Sojka.  
(LEUKEMIA) (NEOPLASMS) (RADIATION) (ENVIRONMENT)

KOPIA, Henryk

Detecting and contouring crude oil and natural gas deposits  
by the relative effectiveness of gamma radiation. Przegl  
geol 10 no.12:661-663 D '62.

1. Przedsiębiorstwo Geofizyki Przemysłu Naftowego, Krakow.

KOPIC, J.

Two-man teams for sawing and carry out logs, p. 24. (PRZEMYSŁ DRZEWNY, Warszawa, Vol. 6, no. 2, Feb. 1955.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955, Uncl.



VYSLOUZIL, J., inz.; KOPIC, J.; VESELY, Karel

Protection from falling in mounting panel houses. Poz stavby 11 no.2:  
104-106 '63.

1. Vojenske stavby, Praha (for Vyslouzil and Kopic). 2. Vyzkumny  
ustav stavebni vyroby (for Vesely).

ROSTOVTSEVA, I.; SKALINSKIY, Ye.; SHPAY, N.D.; KARYAGIN, V.I.; KADYROV, N.;  
KOPICHAY, L.S.; IBRAGIMOV, R.P.; GOLOVINOV, I.M.

Information and brief news. Veterinariia 40 no.7:87-93 J1 '63.  
(MIRA 16:8)

(Veterinary medicine)

KOPICHAY, L.S.

Shower brush for treating animals. Veterinariia 39 no.7:84 J1 '62.

1. Kurgan-Tyubinskaya veterinarno-bakteriologicheskaya laboratoriya  
Tadzhikskoy SSR.

MOROZOV, Yu., student IV kursa; KOPICHEK, G., student IV kursa

Shifting mechanisms in stereophotogrammetric devices. Trudy  
MIIGAIK no.46:99-102 '61. (MIRA 15:7)

1. Kafedra fotogrammetrii Moskovskogo instituta inzhenerov  
geodezii, aerofotos"yemki i kartografii.  
(Aerial photogrammetry)

IBRAYEV, Sh.I.; STROKOV, N.I.; KOPICHENKO, G.F.

Electronic device for short-delay blasting. Izv. AN Kazakh. SSR.  
Ser. gor. dela no. 2:100-105 '59. (MIRA 13:4)  
(Mining engineering) (Electronic control)

S/035/62/000/004/055/056  
A001/A101

AUTHORS: Morozov, Yu., Kopichek, G.

TITLE: Switching over devices in stereophotogrammetric instruments

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 4, 1962, 40,  
abstract 4G243 ("Tr. Mosk. in-ta inzh. geod., aerofotos"yemki i  
kartogr.", 1961, no. 46, 99-102)

TEXT: A number of designs of devices are considered which serve to switch over the sight beam in various multi-purpose stereo devices (aerocartograph, stereoplanigraph, photocartograph, stereograph) and to obtain both direct and reverse stereoeffects. Best results are obtained with the Iderman instrument (Switzerland) which enables one to use consecutively the rapid alternation of direct and reverse stereoeffects; as a result, the visible difference of parallaxes doubles and, as tests have shown, accuracy improves by 50%. ✓

I. M.

[Abstracter's note: Complete translation]

Card 1/1

KOPICZ-KAMINSKA, Ewa; GERARD, Kira; LAHODZKA, Irena

Mental disturbances among the population of Pruszkow (an analysis of the material of the clinic and hospital in 1962). Neurol. neurochir. psychiat. Pol. 15 no.2:263-268 Mr-Apr '65.

1. Z Instytutu Psychoneurologicznego w Pruszkowie, Oddział Psychiatrii Społecznej (Kierownik: dr. med. K. Gerard).

L. 47210-66 EMP(J)/T IJP(c) RM

SOURCE CODE: PQ/0045/66/029/003/0393/0401

ACC NR: AP6021911

AUTHOR: Kopiczynski, T.; Mosicki, W.; Rank, H.

ORG: Physics Department, Gdansk Technical University

TITLE: CO<sub>2</sub> + C<sub>6</sub>H<sub>14</sub> GM counter 19

SOURCE: Acta physica polonica, v. 29, no. 3, 1966, 393-401

TOPIC TAGS: Geiger counter, hexane, carbon dioxide

ABSTRACT: CO<sub>2</sub>+C<sub>6</sub>H<sub>14</sub> (hexane) mixtures were tested as gases for a GM counter designed for measurements of C<sup>14</sup> from natural sources. Characteristics of these mixtures (threshold voltage and plateau length) were studied for total pressures of 100 to 700 mm Hg, and C<sub>6</sub>H<sub>14</sub> pressures of 1.4 mm Hg to 3.5 mm Hg. The plateau begins 100 V above the threshold voltage. Counters containing less than 2.5% of C<sub>6</sub>H<sub>14</sub> admixtures have long (about 2 kV) flat plateaux with slopes not in excess of 2% per 100 V. The lowest threshold voltage can be obtained with 1.5% C<sub>6</sub>H<sub>14</sub>. This latter impurity content was found to yield the best plateaux from the standpoint of length and slopes. The influence of C<sub>6</sub>H<sub>14</sub> decomposed during the charge processes is not significant; for a counter filled with 1.6% C<sub>6</sub>H<sub>14</sub> to about 400 mm Hg of CO<sub>2</sub>, no changes of the characteristic slope were noted after counting 7 x 10<sup>9</sup> pulses; the only result was an increase in the threshold of about 100 V. The dead time of a counter filled with 400 mm Hg of CO<sub>2</sub> and

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L H7210-66

ACC NR: AP6021911

10 mm Hg of  $C_6H_{14}$  was 0.4-0.5 msec. Orig. art. has: 8 figures and 2 tables.

SUB CODE: 18/ SUBM DATE: 21Oct65/ ORIG REF: 005/ OTH REF: 004

Card 2/2 fv

POLACEK, Emil; Technicka spoluprac: KRISTAN, M.; HRADKOVA, B.; VACKOVA, L.;  
KOPIDLANSKA, F.

Apropos of osmotic alteration of stomach motility in rats. Acta  
Univ. Carol. [med.] (Praha) 10 no.1:65-68 '64

1. Ustav vyzkumu vyvoje ditete fakulty detskeho lekarstvi Uni-  
versity Karlovy v Praze (reditel: prof. MUDr. J. Houstek, Dr.Sc)  
a I. detske klinika fakulty detskeho lekarstvi University Karlovy  
v Praze (prednosta: prof. MUDr. J.Svejcar, Dr Sc.)

L-18932-63

P/0035/63/000/010/0293/0296

45

ACCESSION NR: AP3001788

AUTHOR: Kopiec, Brunon (Grad. Eng.); S'rodulski, Tadeusk (Dr. Eng. Sc.)

TITLE: Computation of exhaust gas flow in a turbo-supercharger for a four-stroke Diesel engine

SOURCE: Przegląd mechaniczny, no. 10, 1963, 293-296

TOPIC TAGS: exhaust gas, Diesel engine, turbo-supercharger, 6BAH22 Diesel engine, engine, internal combustion engines, engine power rating

ABSTRACT: The authors compare methods of calculating the gas flow intensity and theoretical and actual power ratings of a gas turbine. The calculations are made for two cases: for a system of constant pressure exhaust gases and for a pulsed system. The application of these methods is illustrated by calculations obtained on the basis of results with tests of 6 BAH 22 engines. The results of computations, showing the turbine gas flow, its power ratings and efficiency are tabulated. They are shown for three cases: when the pressure of exhaust gases is unsteady, for an average pressure calculated from pressure changes, and for a pressure measured by a U-tube. The best results were obtained for the second

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L 18932-63

ACCESSION NR: AP3001788

of these cases. They do not differ much, however, from the results of the first case. The instantaneous theoretical and actual power ratings of the turbine fed by exhaust gases from the exhaust duct of the engine are shown in Fig. 1 of the Enclosure. Calculations made by measuring with a U-tube on the basis of the average pressure at the exhaust give smaller values for turbine power ratings and for the gas flow intensity. The authors state that their results compare satisfactorily with those of other investigators. Orig. art. has: 10 equations, 3 figures and 1 table.

ASSOCIATION: Katedra Silnikov Spalinovykh Politekhniky Krakovskoy (Department of Internal Combustion Engines, Cracow Polytechnic Institute) Zaklady Uzhondzen' tekhnichnykh "Zgoda" v S'vetokhlovicakh ("zgoda" engineering equipment works)

SUBMITTED: 00

DATE ACQ: 24Jun63

ENCL: 01

SUB CODE: FL, PR

NO REF SOV: 000

OTHER: 002

Card

2/0 2

KOPIEC, Eryk

Setting the double timber in headings directed according to  
a certain curve. Wiadom gorn 11 no. 1/2:26-28 Ja-F '60.

KOPIEC, Eryk...

Bricklaying performed underground and mistakes in the performance of brick wall linings in mine headings. Wiadom gorn 11 no. 5:157-160 My '60.

KOPIEC, Eryk

It is always possible to avoid accidents while reconstructing  
underground brick-wall linings. Wiadom gorn 11 no. 11:399 N '60.

KOPIEC, J.

"The Development of Work Competition in the Metallurgical Industry in the Years 1950-1953" p. 28

"Thanks to Competition in Work the Metallurgical Industry Fulfilled the Half-Year Plan before the End of the Term" p. 32 (Wiadomosci Hutnicze, Vol. 9, No. 7/8, July/Aug., 1953, Stalinogrod)

SO: Monthly List of East European Accessions, Vol. 3, No. 2, Library of Congress, February, 1954, Uncl.



KOPIEC

Wrocław, Medycyna Weterynaryjna, Vol 18, No 4, April 1965.

PP. 23-24.

8. "Potamiation of the Global Artificial Radiosensitivity Data in the Bones of Slaughter Animals in 1959 and 1960." Varada JUNG of the Chair for Hygiene of Animal Production (Katedra Higieny Produkcji Zwierząt) of the Faculty of Veterinary Science at Wrocław (Dzielnia Prof. Dr. Jan JUNG) pp 212-215 (English summary).
9. "The Polish Portable Trichoscope 'M. Tr' for Field Work." Włodzisław KATYLSKI p 216.
10. "Selected Problems of Diseases of Calves." Natana WILCZEK pp 216-219.
11. "A Case of Persistent Parasite in a Cow in the Eighth Month of Pregnancy." Jan KUTYLSKI pp 219-220.
12. "The Cases of Cerebral Ganglioma Bovum." Antoni GŁOZDZIŃSKI of the PULS (Pentecost, Zakład Medycyny dla Zwierząt, State Animal Hospital) at Międzybóże p 220.
13. "Gonadotropin Grit in a Dog." Ryszard DĄDURA and Stanisław WICHAŁSKI of the Chair of Surgery (Katedra Chirurgii) of the Faculty of Veterinary Science at the Higher School of Agriculture (WSR) at Wrocław (Dzielnia Prof. Dr. Ryszard DĄDURA) and of the Chair of Pathological Anatomy (Katedra Anatomii Patologicznej) of the Faculty of Veterinary Science at the WSR at Wrocław (Dzielnia Prof. Dr. Aleksander ZAKRZEWSKI) pp 221-222.
14. "Vacuumation in Poul." Femolanka GŁOZDZIŃSKI pp 222-227.
15. "Breast of Pheasant on the Sexual Cycle of Female Pheasant." O. GIERGIER, J. ALKSIANDROWSKA, Z. GLADKI, R. KOPPEL, J. KUTYLSKI, J. KOCZKA, W. OLSEN, J. WILCZEK, J. WILCZEK, A. SZYBANSKA, J. WILCZEK and J. WILCZEK, students of the Faculty of Veterinary Medicine and members of the Science Club (Kolegium) of the WSR at Wrocław (Dzielnia Prof. Dr. A. SZYBANSKI) pp 227-229.
16. "Attempts to Feed Horses with Surrogate." Zdzisław HELMUTZ, pp 232-233.

DADLEZ, Ryszard; KOPIK, Janusz

Problem of Rhaetic in Western Poland and the profile of Ksiaz Wielkopolski. Kwartalnik geol 7 no.1:131-158 '63.

1. Zaklad Geologii Nizu, Instytut Geologiczny i Zaklad Stratygrafii, Instytut Geologiczny, Warszawa.

MAYBORODA, I.K.; Primalni uchastiv: KOPIL, A.D. [Kopyl, A.D.], inzh.;  
SIROSHTAN, A.P., diplomant

Dependence of the intensity of analytical lines of fluxed sinter  
on the state of the components of the solid specimen. Ukr.fiz.zhur.  
6 no.6:853-859 N-D '61. (MIRA 16:5)

1. Ukgiprokol'ormet, m.Zaporizhzhya (for Mayboroda).
2. Zaporozhskiy staleplavil'nyy zavod (for Kopil).
3. Dnepropetrovskiy gosudarstvennyy universitet (for Siroshstan).  
(Spectrum analysis) (Iron-calcium alloys)

GORB, T.V. [Horb, T.V.], doktor sel'skokhoz.nauk; TERESHCHENKO, F.K.,  
kand.biolog.nauk; BOGAYEVSKIY, O.T. [Bohaiivs'kyi, O.T.], kand.  
veterin.nauk; POTEMKIN, M.D. [Pot'omkin, M.D.], akademik;  
KNIGA, M.I. [Knyha, M.I.]; POPOV, O.Ya., kand.sel'skokhoz.nauk;  
KHMELIK, G.G. [Hmelyk, H.H.], kand.sel'skokhoz.nauk; SHRAM, I.P.,  
kand.sel'skokhoz.nauk [deceased]; KOPIL, A.M., kand.sel'skokhoz.  
nauk; TSELYUTIN, V.K., kand.sel'skokhoz.nauk; BOZHKO, P.Yu., doktor  
sel'skokhoz.nauk; KROMIN, S.S., kand.sel'skokhoz.nauk; ZEMLIANSKIY,  
V.M. [Zemlians'kyi, V.M.], kand.sel'skokhoz.nauk; BORISENKO, A.M.  
[Borysenko, A.M.], kand.biolog.nauk; ZAKHARENKO, V.B., kand.biolog.  
nauk; SMIRNOV, I.V. [Smyrnov, I.V.], kand.biolog.nauk; KHRABUSTOVSKIY,  
I.F. [Khrabustovs'kyi, I.F.], kand.biolog.nauk; TORSTYANETSKAYA, M.N.,  
[Trostianets'ka, M.N.], assistant; ALESHKO, P.I., inzh.; VASIL'YEV,  
Vasyl'iev, O.F., kand.tekhn.nauk; BUGAYENKO, I.I. [Buhaienko, I.I.],  
starshiy prepodavatel'; TRAKHTOMIROVA, O.O., kand.ekonom.nauk;  
BUTKO, S.D., kand.ekonom.nauk; TELESNIK, K.G. [Teleshik, K.H.],  
doktor ekonom.nauk; YAROSHENKO, V.D., kand.ekonom.nauk; LISIY, I.Y.  
[Lysyi, I.I.], red.; YEROSHENKO, T.G. [Ieroshenko, T.H.], tekhn.red.

[Handbook for zootechnicians] Dovidnyk zootekhnika. 2., dopovnene  
i pereroblene vyd. Kyiv, Derzh.vyd-vo sil's'kohospodars'koi lit-ry  
URSR, 1960. 728 p. (MIRA 15:2)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni V.I.  
Lenina (for Potemkin). 2. Chlen-korrespondent Vsesoyuznoy akademii  
sel'skokhozyaystvennykh nauk imeni V.I.Lenina (for Kniga).  
(Stock and stock breeding)

*Kopil, I. F.*

USSR/General Section - History, Classics, Personalities

A-2

Abs Jour : Referat Zhurn. Biol. No 16, 25 Aug 1957, 67846

Author : Kopil, I.F.

Title : Sergei Nikolaevich Vinogradskiy (1856-1953).

Orig Pub : Nauka i Peredov. Opit v s. kh. 1956, No 11, 52

Abstract : No abstract.

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L 8521-65 EMT(1)/EWG(1)/EEC(t) Pz-6 IJP(c)/ASD(a)-5/AFWL/SSD/AS(tp)-2/ESD(t)/  
RAEM(1) AT

ACCESSION NR: AP4044975

S/0181/64/006/009/2873/2876

AUTHORS: Berezhnaya, I. A.; Biryulev, V. I.; Kopilevich, I. G.;  
Petrov, Ye. V.

TITLE: On the mechanism of photoconductivity in lead sulfide layers

SOURCE: Fizika tverdogo tela, v. 6, no. 9. 1964, 2873-2876

TOPIC TAGS: photoconductivity, carrier mobility, carrier density,  
Hall constant, photoresistance, temperature dependence

ABSTRACT: An investigation was made of the temperature dependence of the conductivity, the carrier mobility, the Hall constant, and the time constant of PbS photoresistances. The effect of constant illumination on the conductivity, mobility, and carrier density was also examined. The photoresistances had  $2 \times 5$  mm area and approximately 1 micron thickness, and were deposited in vacuum. The Hall emf was measured in a field of 5,000 Oersted. The constant illumi-

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nation was provided by an incandescent lamp and amounted to 5,000 lux on the entrance window of the photoresistance. The temperature interval was +20 to -50C. Typical temperature dependences of the conductivity, carrier mobility, Hall constant, and time constant are shown in Fig. 1 of the enclosure. Application of enough constant illumination to produce a doubling of the conductivity resulted in a carrier mobility increase by approximately 30%. It is concluded that the present results are in full agreement with the majority-carrier model as outlined by R. L. Petritz et al. (Semiconductor Surface Physics, p. 229, University of Pennsylvania Press, 1957). It is shown further that although the results cannot be explained by the Slater barrier mechanism alone, the effect of the barrier cannot be completely refuted, since its contribution to the photoconductivity is comparable with that due to the change in carrier concentration under equal conditions. Orig. art. has: 2 figures and 2 tables.

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nation was provided by an incandescent lamp and amounted to 5,000 lux on the entrance window of the photoresistance. The temperature of the material was +20 to -50C. Typical temperature dependences of the conductivity, carrier mobility, Hall constant, and time constant are shown in Fig. 1 of the enclosure. Application of enough constant illumination to produce a doubling of the conductivity resulted in a carrier mobility increase by approximately 30%. It is concluded that the present results are in full agreement with the majority-carrier model as outlined by R. L. Petritz et al. (Semiconductor Physics, p. 229, University of Pennsylvania Press, 1957). It is shown further that although the results cannot be explained by the barrier mechanism alone, the effect of the barrier cannot be completely refuted, since its contribution to the photoconductivity is comparable with that due to the change in carrier concentration under equal conditions. Orig. art. has: 2 figures and 2 tables.

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ASSOCIATION: Gosudarstvennyy opticheskiy institut im. S. I. Vavilova, Leningrad (State Optical Institute)

SUBMITTED: 24Feb64

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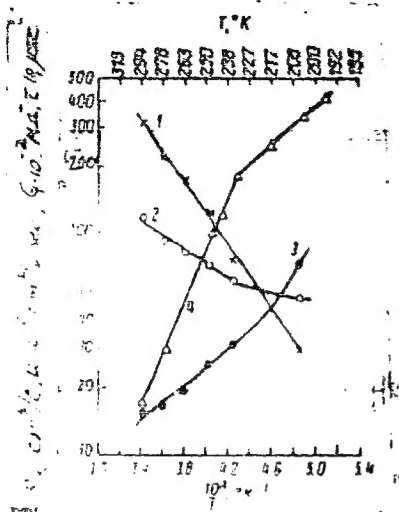
OTHER: 010

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L 8511-65

ACCESSION NR: AP4044975

ENCLOSURE: 01



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GOL'DSHTEYN, L. Ya.; SAVINA, V. N.; KOPILEVICH, V. S.; KORNEYEV, V. I.

Determining the viscosity of cement raw material mixtures in a  
pyro-plastic state. Trudy Giprotsement no. 26:130-142 '63.  
(MIRA 17:5)

KOPIL'-LEVINA, Z. A. and SHERSHEVSKAYA, O. I.

KOPIL'-LEVINA, Z. A. and SHERSHEVSKAYA, O. I. "On functional damage to vision and hearing in wartime" (Diagnostics and Therapy). In the collection: Boyevaya travma nervnoy sistemy, Khar'kov, 1948, p. 175-84.

SO: U-3261, 10 April 53 (Letopis - Zhurnal 'nykh Statey No. 11, 1949)